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Atty Docket No. 12172H-004730US

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ATTENTION: Examiner V. Vu

Group Art Unit 2154

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I hereby certify that the following document(s), including in re Application of Howard G. Sachs et al., Application No. 09/057,861, filed April 9, 1998 for INSTRUCTION CACHE ASSOCIATIVE CROSSBAR SWITCH is being facsimile transmitted to the Patent and Trademark Office on the date shown below.

Document(s) Attached

1. Transmittal Form (1 pg.);
2. Supplemental Amendment (incl. figures) (36 pgs.).

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Diane Elzingre  
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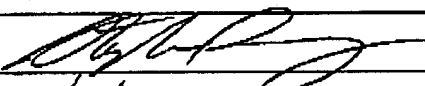
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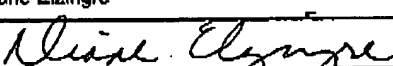
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<b>TRANSMITTAL FORM</b> (to be used for all correspondence after initial filing)	Application Number	09/057,861
	Filing Date	April 9, 1998
	First Named Inventor	Sachs, Howard G.
	Art Unit	2154
	Examiner Name	V. Vu
Total Number of Pages in This Submission	Attorney Docket Number	12172H-004530US

ENCLOSURES (Check all that apply)		
<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input checked="" type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s)	<input type="checkbox"/> After Allowance Communication to Group <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below):
Remarks	The Commissioner is authorized to charge any additional fees to Deposit Account 20-1430.  In response to the Office Action mailed July 16, 2003, please make the enclosed of record.	

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT	
Firm or Individual	Townsend and Townsend and Crew LLP Stephen Y. Pang Reg. No. 38,575
Signature	
Date	8/15/03

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This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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**PATENT**  
Attorney Docket No. 12172H-004530US

By: Alison Elzy

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In re application of:

Howard G. Sachs, et al.

Application No.: 09/057,861

Filed: April 9, 1998

For: INSTRUCTION CACHE

ASSOCIATIVE CROSSBAR SWITCH

Customer No.: 20350

Examiner: V. Vu  
Technology Center/Art Unit: 2154

SUPPLEMENTAL AMENDMENT

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

Sir:

In response to the Office Action mailed July 16, 2003, please enter the following  
supplemental amendment and remarks:

**Amendments to the Specification** begin on page 2 of this paper.

**Amendments to the Drawings** begin on page 24 of this paper and include both an attached  
replacement sheet and an annotated sheet showing changes.

**Remarks/Arguments** begin on page 25 of this paper.